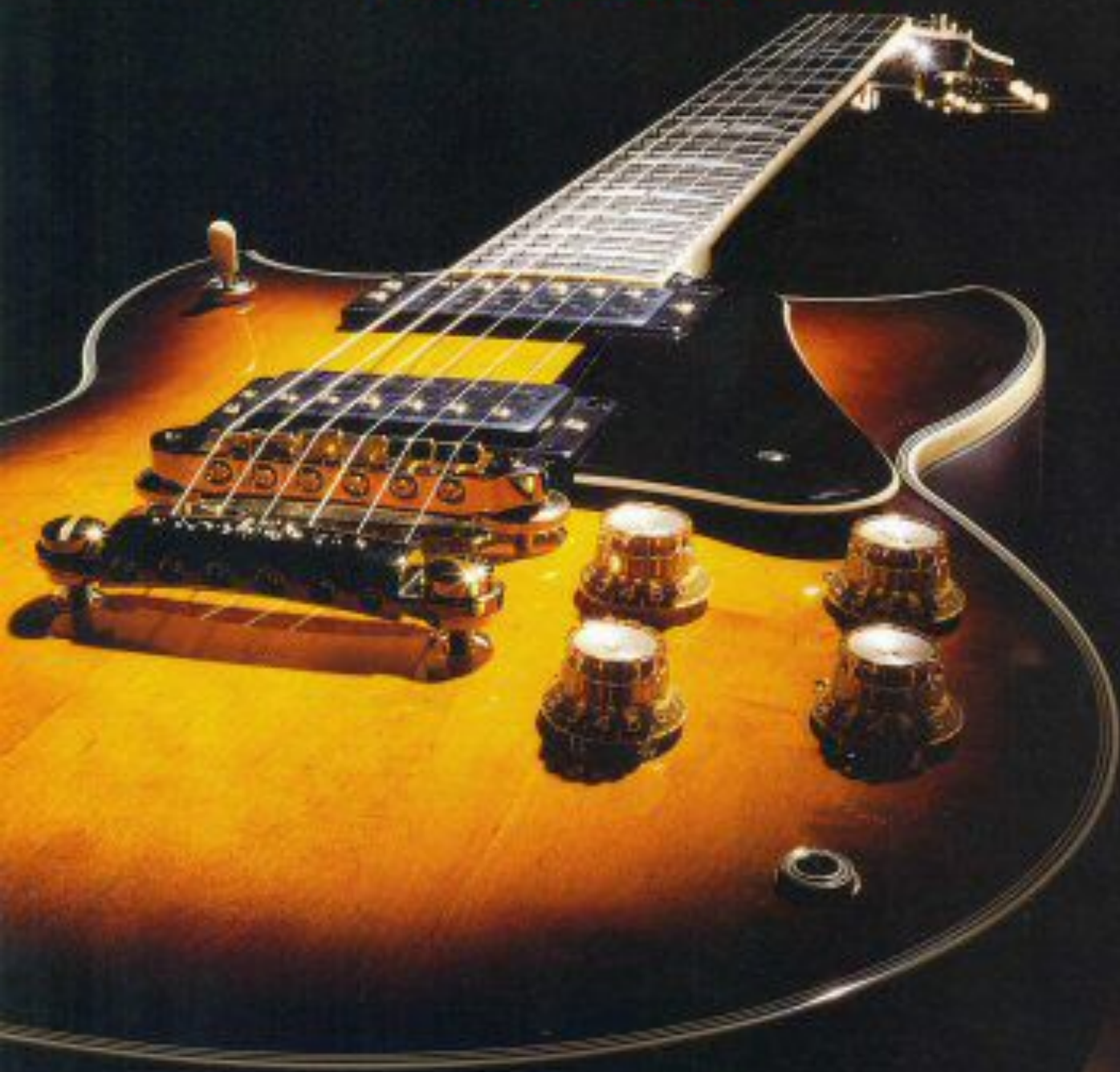


SOLIDBODY ELECTRIC GUITAR SBG2000

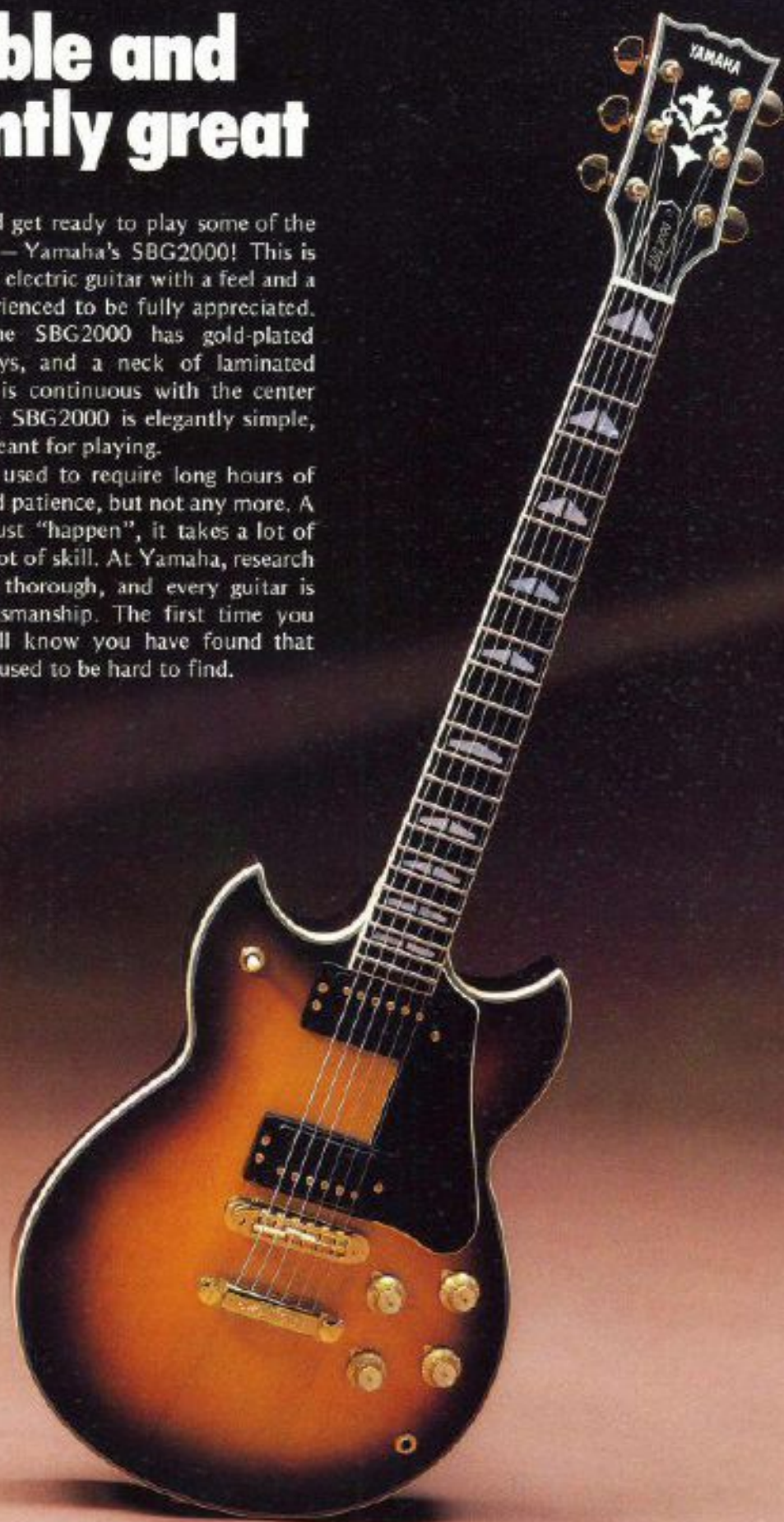


 **YAMAHA**

Predictable and consistently great

See your Yamaha dealer and get ready to play some of the hottest new guitars in years — Yamaha's SBG2000! This is superbly detailed, solidbody electric guitar with a feel and a sound that have to be experienced to be fully appreciated. Beautifully constructed, the SBG2000 has gold-plated hardware, block style inlays, and a neck of laminated mahogany and maple that is continuous with the center lamination of the body. The SBG2000 is elegantly simple, no-frills instrument that is meant for playing.

Finding that "great" guitar used to require long hours of shopping, as well as luck and patience, but not any more. A really great guitar doesn't just "happen", it takes a lot of time, a lot of effort, and a lot of skill. At Yamaha, research and development has been thorough, and every guitar is made with traditional craftsmanship. The first time you play an SBG2000, you will know you have found that "great" guitar, the kind that used to be hard to find.



A really great guitar doesn't just

Neck and Body Design

The SBG2000's maple centerpiece is a single length of wood running from the top of the headstock to the lower bout, for an extra margin of stability. Another piece of maple flairs out to form the face of the guitar. The sides of the neck and remainder of the body are fashioned of fine mahogany. This combination of selected woods and laminations enhances the tone and greatly increases sustain.

The body has a double cutaway that allows full access to the highest frets, so you can easily reach even the highest notes. The slim neck and contoured back further ensure player comfort. The guitar is superbly balanced for playing in either a standing or sitting position.

The low-profile neck has an ebony fingerboard with a 22-fret scale, and a 24 $\frac{3}{4}$ " scale length. The fingerboard is a

handsome piece of fine-grained ebony, chosen for its incomparably smooth and hard surface (much harder and smoother than rosewood). This means you can bend notes as far as you like without friction or "grabbing". A slight fingerboard curvature provides playing comfort, and allows string bending without fretting out. Real mother-of-pearl inlays highlight the appearance of the fingerboard and headstock. Mother-of-pearl has a harder surface than plastic, preventing excessive wear on the fingerboard. It retains its appearance and won't interfere with even the most subtle string bending.

The frets are unusually long-wearing, made of an alloy far harder than most, and are dressed to perfection after being seated in the fingerboard. Because they are so hard, and so well polished, friction

is minimized, improving string life. The frets themselves won't chafe, even from the toughest steel strings. The sides of the fingerboard are bound with permanently laminated trim, so fret edges can't snag your hand.



Controls

The two pickups are precisely spaced on the body to emphasize harmonics. There is a separate volume and tone control circuit for each pickup. Like other electric guitars, the Yamaha SBG2000 has a Pickup Selector switch which allows you to use either pickup by itself, or in combination with the other.

A real breakthrough in guitar electronics, the SBG2000 has Volume controls that

really work! As you move from #0 through #10, the level increases gradually and smoothly. This is because Yamaha took the time to find just the right controls: potentiometers with electrical characteristics that are calibrated to the dynamic range of the human ear.

The Tone controls are special, too. Yamaha found the majority of professional players favored a tone control

which gradually rolls off the highs, but only into the middle portion, not clear down to the bass region, which would cause a loss of definition. As a result, the SBG2000 has the widest range, most useful Tone controls ever built into an electric guitar. But the most exciting part is that the Tone and Volume controls don't interact.

Coil-splitting System

The SBG2000 features a special coil-splitting system that gives the guitarist the choice of humbucking or single-coil pickup sounds at the touch of a finger. Unlike similar systems that use "pull-push" type switches, the unique Yamaha designed switch, incorporated in each tone control, utilizes a simple "push-push" mechanism. By lightly tapping on the tone-control knob, you can quickly change either pickup from the hum bucking to single coil mode and back

again. When used in combination with the pickup selector switch this system gives you the expanded flexibility of eight different tonal possibilities... all with an ease of operation that never detracts from what you're playing.



Sustain Block

Yamaha's exclusive sustain block is a solid brass block set into the body just beneath the bridge. It supports the bridge and effectively transmits string vibrations into the body. This increases the active mass of the guitar, thereby lengthening the sustain. At the same time, the block improves stability and intonation of the bridge, providing a more uniform response throughout the guitar's tonal range.



Adjustable Bridge and Stud-Type Tailpiece

The bridge is custom-designed to allow a large range of height and intonation adjustment on each string, and its heavy-duty construction prevents collapse. Thumb wheels are larger than normal, making adjustment easier. Even if a string breaks, your guitar won't go out of tune because its stud-type tailpiece doesn't flex or wobble, and its adjustable height allows for easy tension adjustments. The stud tailpiece also eliminates sympathetic vibrations between it and the bridge.

happen

Hum-defeating Pickups

Because magnetic pickups are usually high impedance devices, they are particularly susceptible to noise, especially RF fields (CB radio, neon lights, AC hum etc.). Yamaha has completely shielded the SBG2000 electronics to avoid RF and similarly induced noise. All internal connections have high-density shielding. Special Yamaha-designed pickups avoid electromagnetically induced hum while maintaining a wide frequency response. Each pickup has twin coils, wound out-of-phase, so that any hum field crossing the coils will induce equal but opposite voltages in the pickup; these voltages

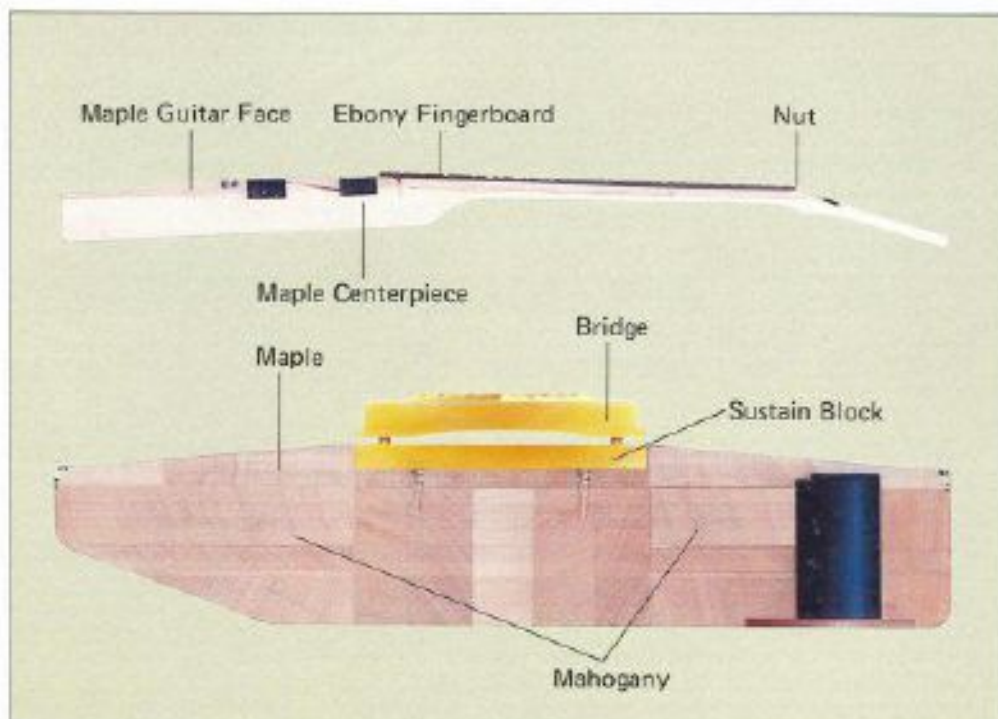
cancel each other, thereby eliminating the hum.

Yamaha pickups are really "hot", with about a third more output than competitive models. Thus, you can overdrive your amp to get solid distortion without inconvenient, unreliable and noisy "booster" boxes. When you want a clean sound, Yamaha pickups give you a rich full tone at all volume levels, unlike some high-output, hum defeating pickups. The pickups have individually adjustable polepieces, and are tri-mounted to allow parallel adjustment to the strings while simultaneously eliminating rattles.



Tuning Pegs

The SBG2000 is fitted with what we believe to be the finest tuning pegs available. Yamaha designed these pegs with a 15:1 ratio substantially higher than other commercial brands. They turn smoothly and have no backlash, so tuning is easy. In addition, Yamaha pegs are permanently lubricated, have adjustable tension, and have loaded mechanisms that automatically take up wear.



Truss Rod

A truss rod is intended to reinforce a neck and to counteract the tension created by the strings. Yamaha truss rods and necks provide a full range of adjustment. Unlike conventional truss rods that merely compress the neck, Yamaha truss rods are pre-curved to distribute their adjustment smoothly over the entire length of the neck. (A combination wrench/screwdriver is included with the guitar.) The SBG2000 truss rod is sheathed in vinyl tubes which prevent sympathetic vibrations, thereby eliminating unwanted buzzes and resonances. Because the neck is made to have uniform strength and density, it will take adjustments without developing kinks or ripples.

Specifications

Number of Frets:	22
Scale Length (nut to bridge):	24-3/4 inches (62.8cm)
String Gauges:	Light gauge (0.009", 0.011", 0.016", 0.024", 0.032", 0.042")
Overall length:	39-1/8 inches (99.3cm)
Tuning Peg Ratio:	15 : 1
Pickups:	Two anti-hum, high-output, shielded pickups
Finish:	Polyurethane; gold plated hardware
Colors:	Cherry Sunburst, Cherry, Brown Sunburst, Brown, Black
Net Weight:	8.7 pounds (4.4kg)
Case Dimensions (max.):	41-1/2" high x 15" wide x 5" deep (105.4cm x 38cm x 12.7cm)
Warranty:	One (1) year, parts and labor
Accessory supplied with the Guitar:	Hard shell case

Replacement parts are available through your Yamaha Dealer.

Specifications subject to change without notice.

We asked top players what they wanted and we worked with them to make it a reality

Many of today's most popular guitars were designed and built years ago, and are less-than-ideal for contemporary playing styles. So Yamaha set out to design an all-new series of electric guitars that would set new standards for the musical industry, a difficult goal but one that a company with Yamaha's experience and resources could hope to realize.

Yamaha built hundreds of prototype guitars, and put them through extensive testing. We brought them to top professional players for thorough evaluation. In the studio, and on the road, these guitars underwent rigorous testing. Many valuable comments and suggestions in regard to design and engineering were incorporated into still more prototype models. Again, professionals went through every model to determine exactly what features and construction techniques produced the best sound, action and durability. These are the origins of the SBG2000.

Fully Pre-Adjusted

Every SBG2000 is thoroughly adjusted and set up by Yamaha. We set the truss rod for precisely the correct tension, and set the action at an ideal playing height. Then we set the individually-adjustable bridge saddles to assure precise intonation. This extra care makes dealer preparation unnecessary. Each guitar comes ready to play, so you don't have to spend time and money "making your guitar right". If you want to reset any of these adjustments, the guitars come with a comprehensive instruction manual that explains exactly what the adjustments are, and how to do them.

The Sound

Play it hard, or strum it gently. Lay down a driving rhythm track, or lead the group in a complex melodic line. The SBG2000 will take you wherever you want to go. There's enough sustain to sing long and strong—even with easy-playing, light-gauge strings. A solid brass sustaining block is set into the body just beneath the bridge, increasing the effective sustain mass and thereby increasing sustain. The block also provides a more uniform, even response throughout the guitar's entire tonal range.

Yamaha's tone is strong and packs a punch. It is a centered and well-defined tonality, with the kind of articulation that brings out each and every note. Yet the SBG2000 is highly versatile, encompassing the full sound spectrum. You can get the "standard" sounds of other popular guitars, but you're not limited to them.

The Action

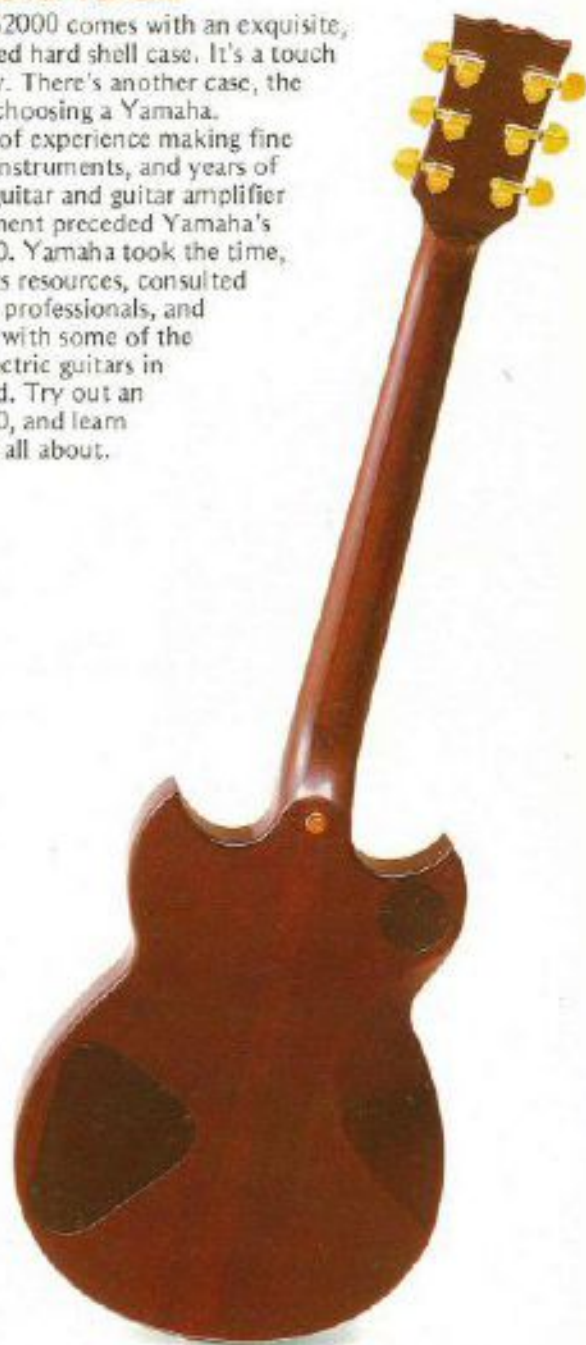
Many older but still popular guitars were made for playing styles that differ considerably from contemporary styles. These guitars were often optimized for heavy gauge strings, and lighter strings frequently do not have enough mass to bring out the full texture or sustain of the instrument. The SBG2000 avoids hassles with thin tonality because it was made to work with a wide variety of strings, from the lightest to the heaviest. This guitar develops a full sound, even on the higher strings. In fact, the SBG2000 comes equipped with a set of slinky gauge strings. Wrap your fingers around the neck, and feel the smooth, low and easy action; it frets and bends at a touch without buzzing. To create this kind of action, Yamaha blends just the right design, materials and craftsmanship, paying close attention to every detail.

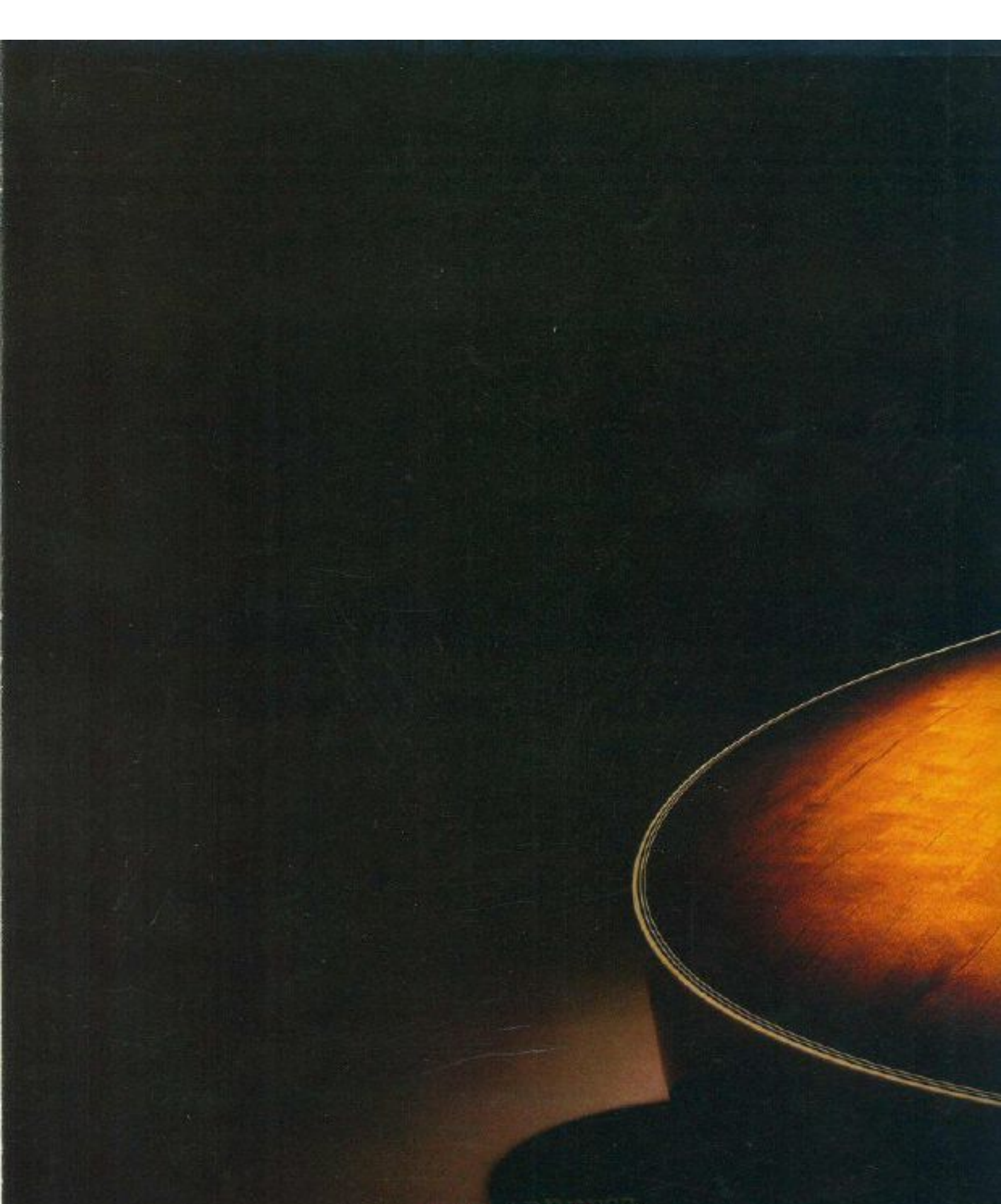
Even in a Solidbody, Wood Does Make a Difference

It may be a solidbody guitar, but that doesn't mean the SBG2000 could have been made with just any woods. We tried carefully selected woods, including some very rare varieties, from Yamaha's extensive supply of naturally-seasoned woods. The way these woods are assembled also makes a difference. We developed lamination methods and patterns that give maximum strength to the guitar while improving the tone and sustain. It took Yamaha years to combine these factors, scientifically and artistically determining exactly the right woods, the right structure, and the right lamination techniques. But the results made it all worthwhile: an audibly better sound from a rock-solid, stable guitar.

The Case for Yamaha

The SBG2000 comes with an exquisite, plush-lined hard shell case. It's a touch of luxury. There's another case, the case for choosing a Yamaha. Decades of experience making fine musical instruments, and years of electric guitar and guitar amplifier development preceded Yamaha's SBG2000. Yamaha took the time, pooled its resources, consulted with top professionals, and came up with some of the finest electric guitars in the world. Try out an SBG2000, and learn what it's all about.





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